

FORM PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

**637.0015USX**

Application Number

**10/060,909**

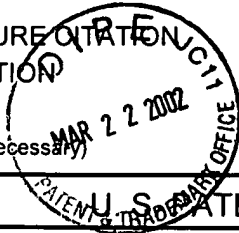
Applicant

**Antoni et al.**

Filing Date

**January 30, 2002**

Group Art Unit

**Not Yet Assigned**

## PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE                | NAME           | CLASS          | SUBCLASS      | FILING DATE IF<br>APPROPRIATE |
|---------------------|--------------------|---------------------|----------------|----------------|---------------|-------------------------------|
| <i>rnj</i>          | <del>4294538</del> | <del>10/13/81</del> | <del>Ban</del> | <del>355</del> | <del>51</del> |                               |
| <i>rnj</i>          | 5669708            | 9/23/97             | Mashima et al. | 362            | 341           |                               |
|                     |                    |                     |                |                |               |                               |
|                     |                    |                     |                |                |               |                               |
|                     |                    |                     |                |                |               |                               |
|                     |                    |                     |                |                |               |                               |
|                     |                    |                     |                |                |               |                               |
|                     |                    |                     |                |                |               |                               |
|                     |                    |                     |                |                |               |                               |
|                     |                    |                     |                |                |               |                               |
|                     |                    |                     |                |                |               |                               |
|                     |                    |                     |                |                |               |                               |
|                     |                    |                     |                |                |               |                               |
|                     |                    |                     |                |                |               |                               |

## FOREIGN PATENT DOCUMENTS

|            | DOCUMENT<br>NUMBER | DATE     | COUNTRY | CLASS            | SUBCLASS         | Translation |    |
|------------|--------------------|----------|---------|------------------|------------------|-------------|----|
|            |                    |          |         |                  |                  | YES         | NO |
| <i>rnj</i> | DE19903807A1       | 11/11/99 | Germany | <del>_____</del> | <del>_____</del> |             | No |
| <i>rnj</i> | WO99/57732         | 11/11/99 | PCT     | <del>_____</del> | <del>_____</del> |             | No |
|            |                    |          |         |                  |                  |             |    |
|            |                    |          |         |                  |                  |             |    |
|            |                    |          |         |                  |                  |             |    |

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

~~Illumination Optics Design for EUV Lithography, Antoni et al.~~

EXAMINER

*Rosh*

DATE CONSIDERED

*2/23/03*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through

Citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449

Docket Number (Optional)

Application Number

**637.0015USX****10/060,909**

Applicant

**Antoni et al.**

Filing Date

**January 30, 2002**

Group Art Unit

**Not Yet Assigned**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

APR 17 2002

(Use several sheets if necessary)

## U. S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE     | NAME            | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--------------------|----------|-----------------|-------|----------|-------------------------------|
| <i>RD</i>           | 4572659            | 2/25/86  | Omata           | 355   | 67       |                               |
| <i>RD</i>           | 5581605            | 12/3/96  | Murakami et al. | 378   | 84       |                               |
| <i>RD</i>           | 5677939            | 10/14/97 | Oshino          | 378   | 34       |                               |
|                     |                    |          |                 |       |          |                               |
|                     |                    |          |                 |       |          |                               |
|                     |                    |          |                 |       |          |                               |
|                     |                    |          |                 |       |          |                               |
|                     |                    |          |                 |       |          |                               |
|                     |                    |          |                 |       |          |                               |
|                     |                    |          |                 |       |          |                               |
|                     |                    |          |                 |       |          |                               |
|                     |                    |          |                 |       |          |                               |
|                     |                    |          |                 |       |          |                               |
|                     |                    |          |                 |       |          |                               |
|                     |                    |          |                 |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|--|--------------------|------|---------|-------|----------|-------------|----|
|  |                    |      |         |       |          | YES         | NO |
|  |                    |      |         |       |          |             |    |
|  |                    |      |         |       |          |             |    |
|  |                    |      |         |       |          |             |    |
|  |                    |      |         |       |          |             |    |
|  |                    |      |         |       |          |             |    |
|  |                    |      |         |       |          |             |    |

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |

EXAMINER

DATE CONSIDERED

*RD slf**2/23/03*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through

Citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

637.0015USX

Application Number

10/060,909

Applicant

Antoni, et al.

Filing Date

January 30, 2002

Group Art Unit

Not Yet Assigned

## U. S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER   | DATE                | NAME                         | CLASS          | SUBCLASS       | FILING DATE IF<br>APPROPRIATE |
|---------------------|----------------------|---------------------|------------------------------|----------------|----------------|-------------------------------|
|                     | <del>4,294,538</del> | <del>10/13/81</del> | <del>Mikichi Ban</del>       | <del>355</del> | <del>51</del>  |                               |
|                     | <del>5,222,112</del> | <del>6/22/93</del>  | <del>Terasawa, et al.</del>  | <del>378</del> | <del>34</del>  |                               |
|                     | <del>5,669,708</del> | <del>9/23/97</del>  | <del>Mashima, et al.</del>   | <del>362</del> | <del>341</del> |                               |
|                     | <del>5,993,010</del> | <del>11/30/99</del> | <del>Ohzawa, et al.</del>    | <del>353</del> | <del>99</del>  |                               |
|                     | <del>5,995,582</del> | <del>11/30/99</del> | <del>Terashima, et al.</del> | <del>378</del> | <del>34</del>  |                               |
|                     |                      |                     |                              |                |                |                               |
|                     |                      |                     |                              |                |                |                               |
|                     |                      |                     |                              |                |                |                               |
|                     |                      |                     |                              |                |                |                               |
|                     |                      |                     |                              |                |                |                               |
|                     |                      |                     |                              |                |                |                               |
|                     |                      |                     |                              |                |                |                               |
|                     |                      |                     |                              |                |                |                               |

## FOREIGN PATENT DOCUMENTS

|  | DOCUMENT<br>NUMBER   | DATE               | COUNTRY           | CLASS | SUBCLASS | Translation  |    |
|--|----------------------|--------------------|-------------------|-------|----------|--------------|----|
|  |                      |                    |                   |       |          | YES          | NO |
|  | <del>0066295B1</del> | <del>2/5/86</del>  | <del>Europe</del> |       |          | <del>X</del> |    |
|  | <del>0939341A2</del> | <del>9/1/99</del>  | <del>Europe</del> |       |          | <del>X</del> |    |
|  | <del>0985976A2</del> | <del>3/15/00</del> | <del>Europe</del> |       |          | <del>X</del> |    |
|  | <del>1026547A2</del> | <del>8/9/00</del>  | <del>Europe</del> |       |          | <del>X</del> |    |
|  |                      |                    |                   |       |          |              |    |
|  |                      |                    |                   |       |          |              |    |

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |

EXAMINER

*R.D. Self*

DATE CONSIDERED

*2/23/03*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.